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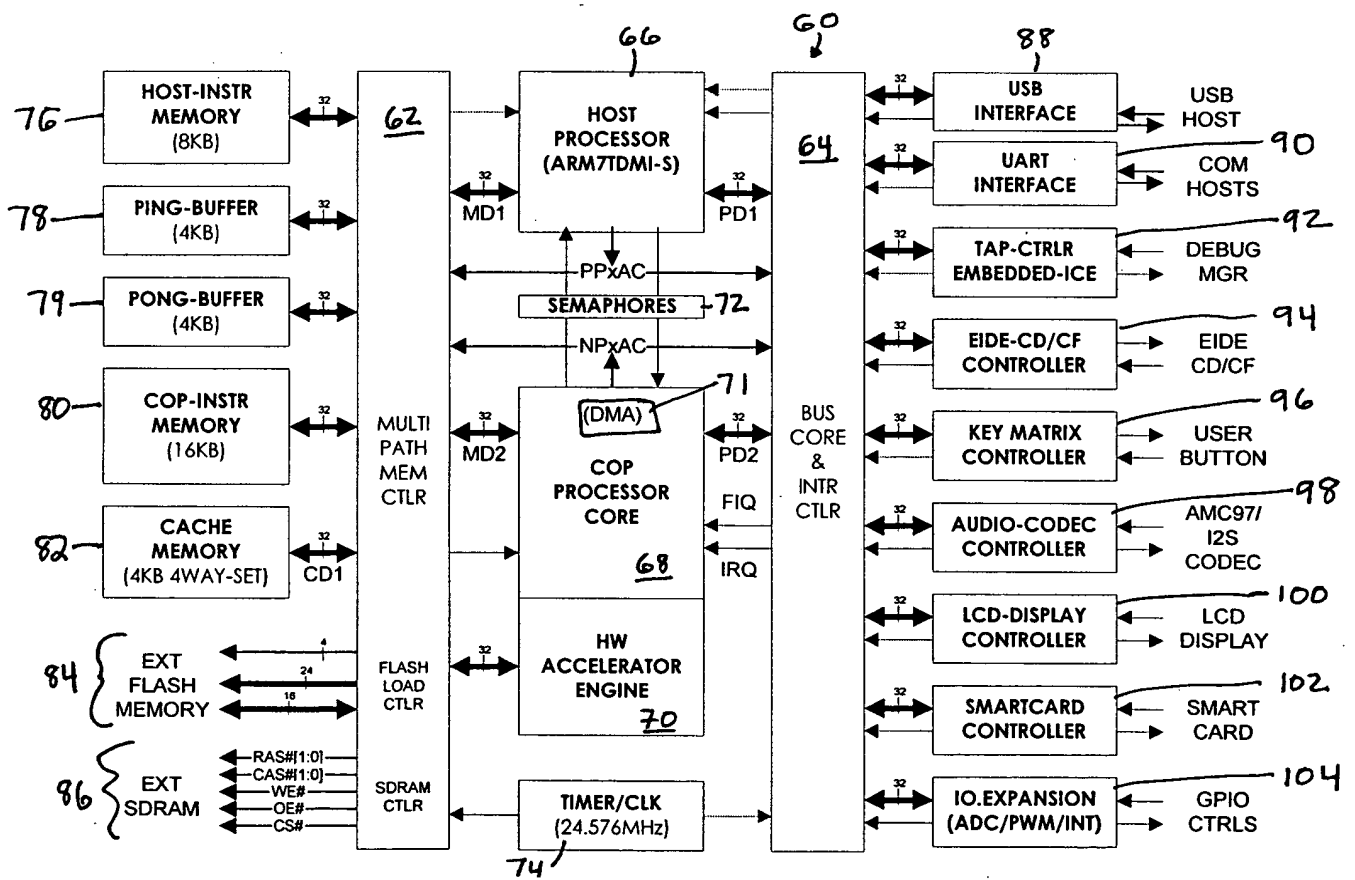


FIGURE 1

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112 System and User	114 FIQ	Supervisor	116 Abort	118 IRQ	120 Undefined
r0	r0	r0	r0	r0	r0
r1	r1	r1	r1	r1	r1
r2	r2	r2	r2	r2	r2
r3	r3	r3	r3	r3	r3
r4	r4	r4	r4	r4	r4
r5	r5	r5	r5	r5	r5
r6	r6	r6	r6	r6	r6
r7	r7	r7	r7	r7	r7
r8	r8_fiq	r8	r8	r8	r8
r9	r9_fiq	r9	r9	r9	r9
r10	r10_fiq	r10	r10	r10	r10
r11	r11_fiq	r11	r11	r11	r11
r12	r12_fiq	r12	r12	r12	r12
r13	r13_fiq	r13_svc	r13_abt	r13_irq	r13_und
r14	r14_fiq	r14_svc	r14_abt	r14_irq	r14_und
r15 (PC)	r15 (PC)	r15 (PC)	r15 (PC)	r15 (PC)	r15 (PC)

Figure 2

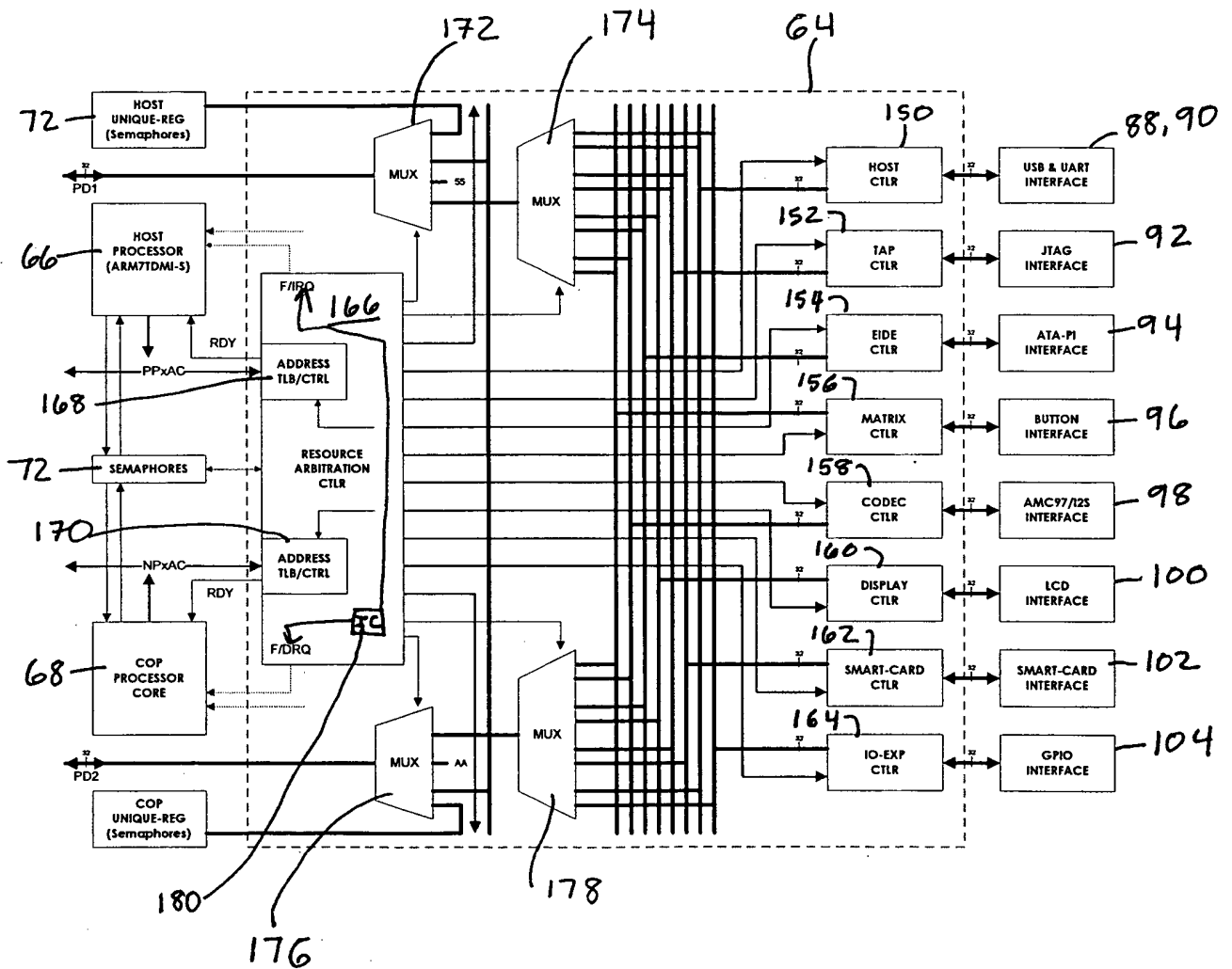


Figure 3

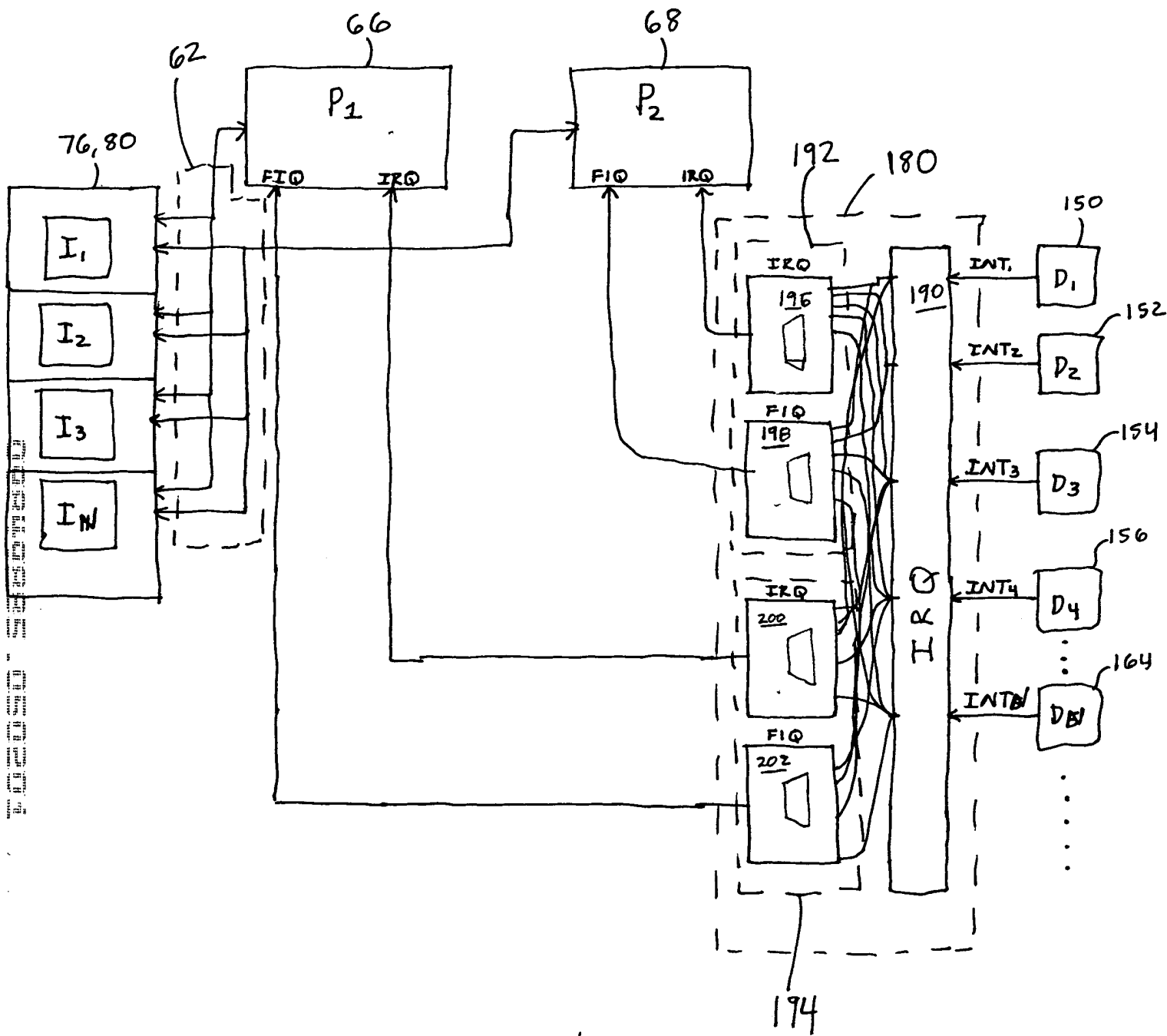


Figure 4

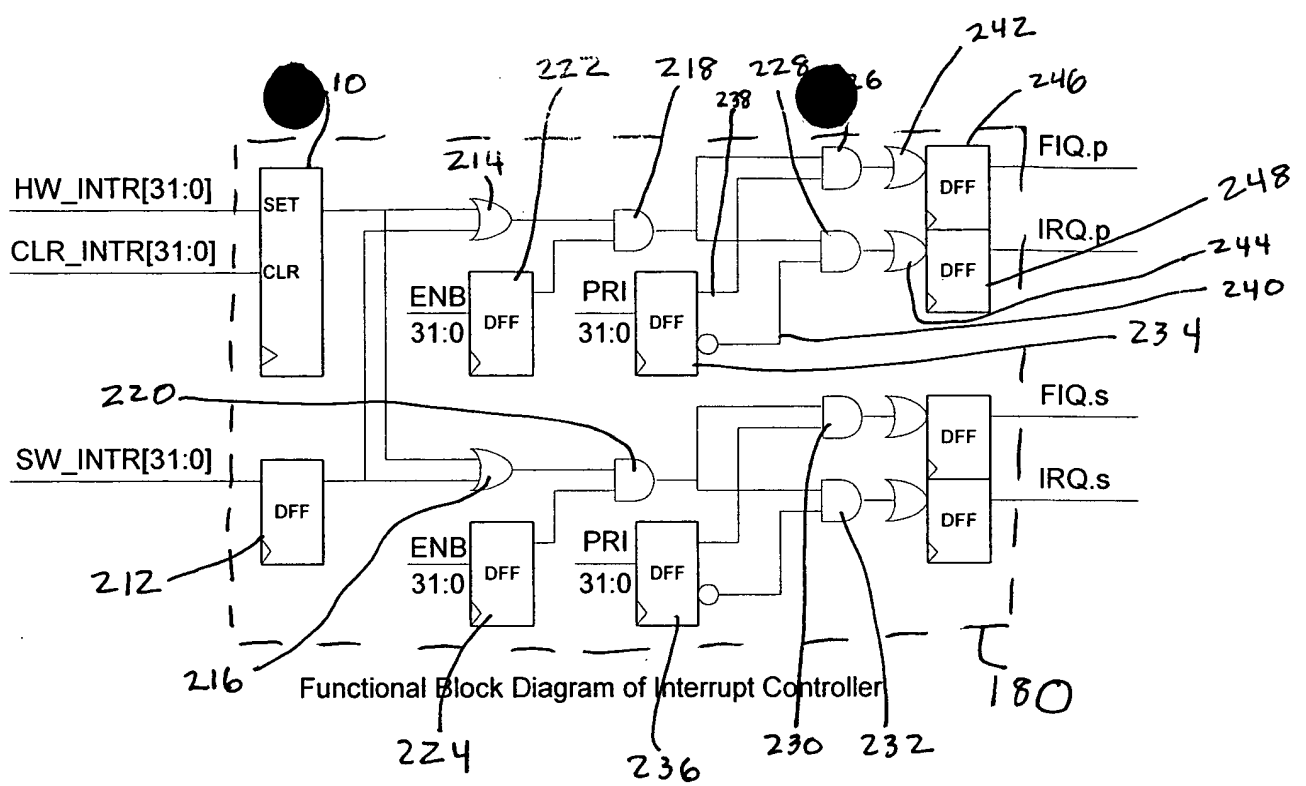
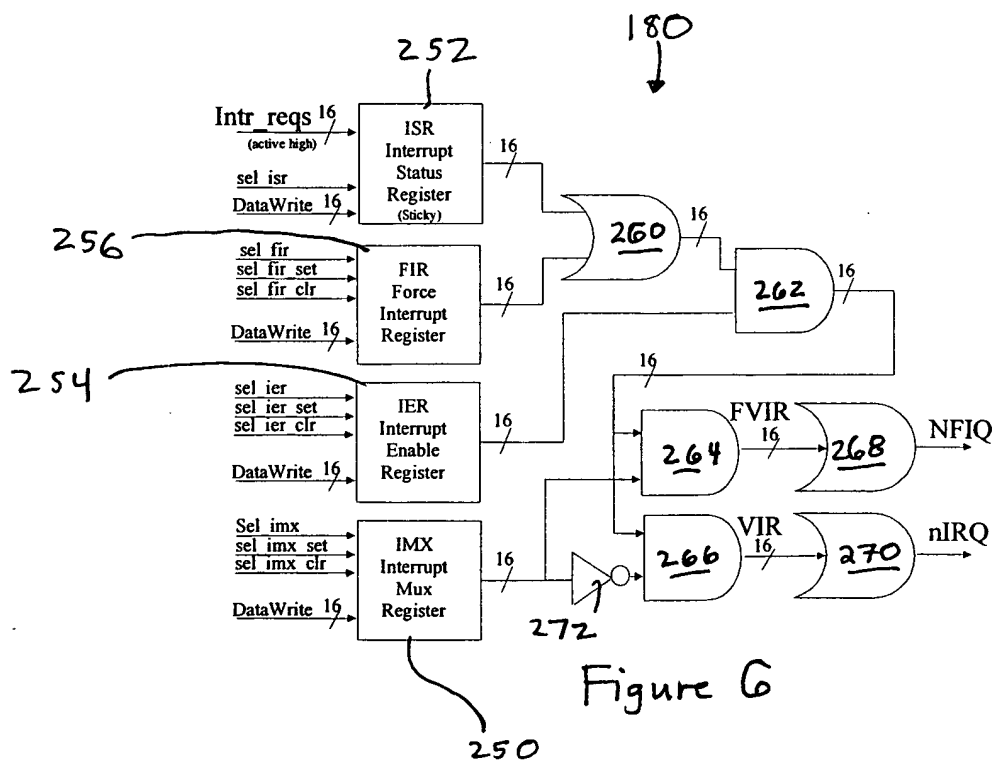


Figure 5



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Offset	Register	Description
0	ISR	Interrupt Status Register
4	IER	Interrupt Enable Register
8	IER_set	Each bit written as one will set the corresponding bit in IER
C	IER_clr	Each bit written as one will clr the corresponding bit in IER
10	FIR	Force Interrupt Register
14	FIR_set	Each bit written as one will set the corresponding bit in FIR
18	FIR_clr	Each bit written as one will clr the corresponding bit in FIR
1C	IMX	Interrupt Mux Register ('1/0' Routes interrupt to nFIQ/nIRQ)
20	IMX_set	Each bit written as one will set the corresponding bit in IMX
24	IMX_clr	Each bit written as one will clr the corresponding bit in IMX
28	VIR	Read only Valid Interrupt Register for nIRQ
2C	FVIR	Read only Fast Valid Interrupt Register for nFIQ

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Figure 7

Bit	Description
0	USB
1	UART A
2	UART B
3	External
4	USB Fast
5	Not Defined (CIF)
6	Not Defined
7	Not Defined (Keyboard)
8	EIDE 1
9	EIDE 2
A	Not Defined
B	Not Defined
C	Not Defined
D	Timer 2
E	Timer 1
F	Not Defined
10	USB Reset
11	AC
12	Timer 1
13	Timer 2
31:14	Not Defined

Figure 8

